

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	"0223792.3"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/06/07 09:25
S2	1690	gorbunov.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/06/05 10:38
S3	1	gorbunov-boris.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/06/05 10:40
S4	2	gorbunov-b.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/06/05 10:40

## EAST Search History

S5	50	(US-20060071163-\$ or US-20030210318-\$ or US-20040134997-\$ or US-20020176926-\$ or US-20030180640-\$ or US-20050151122-\$ or US-20060244410-\$ or US-20070051898-\$ or US-20070062854-\$).did. or (US-4150373-\$ or US-4447728-\$ or US-3710933-\$ or US-6205313-\$ or US-5937243-\$ or US-5089289-\$ or US-5288305-\$ or US-5413760-\$ or US-5902462-\$ or US-3779166-\$ or US-4006983-\$ or US-5078848-\$ or US-5826147-\$ or US-6054495-\$ or US-6440629-\$ or US-6458500-\$ or US-6781612-\$ or US-3656171-\$ or US-4538733-\$ or US-4780331-\$ or US-4841242-\$ or US-4908301-\$ or US-5021831-\$ or US-5370911-\$ or US-5439513-\$ or US-5502348-\$).did. or (US-6091068-\$ or US-6148272-\$ or US-6899854-\$ or US-3640246-\$ or US-4806829-\$ or US-4829178-\$ or US-4902898-\$ or US-5352899-\$ or US-5619034-\$ or US-5756994-\$ or US-6410915-\$ or US-6489622-\$ or US-6727497-\$ or US-6815671-\$ or US-6909086-\$).did.	US-PGPUB; USPAT	AND	ON	2007/06/05 11:48
S6	1	"4383171".pn.	US-PGPUB; USPAT	AND	ON	2007/06/05 11:50
S7	0	EP-0692712-A.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/06/05 11:51
S8	0	EP-0692712-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/06/05 11:50

## EAST Search History

S9	0	EP-0692712-\$	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/06/05 11:50
S10	0	0692712-\$	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/06/05 11:50
S11	0	EP-0692712-A	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/06/05 11:51
S12	9	US-4383171-\$.DID. OR US-4588889-\$.DID. OR US-5097124-\$.DID. OR JP-2162251-\$.DID. OR JP-61239186-\$.DID. OR JP-61093544-\$.DID.	US-PGPUB; USPAT; USOCR; JPO; DERWENT	AND	ON	2007/06/07 15:58
S13	861	charge adj transfer\$4 mass adj spectromet\$2	US-PGPUB; USPAT; USOCR; JPO; DERWENT	AND	ON	2007/06/05 12:24
S14	139882	"250".clas.	US-PGPUB; USPAT; USOCR; JPO; DERWENT	AND	ON	2007/06/05 12:25
S15	255	S14 S13	US-PGPUB; USPAT; USOCR; JPO; DERWENT	AND	ON	2007/06/05 12:26
S16	8657	250/281,282,283,287,288,423R, 424,423F,423,489,492.21.ccls.	US-PGPUB; USPAT; USOCR; JPO; DERWENT	AND	ON	2007/06/05 12:29

## EAST Search History

S17	219	S16 S13	US-PGPUB; USPAT; USOCR; JPO; DERWENT	AND	ON	2007/06/05 12:29
S18	219	S17 charge near transfer\$4	US-PGPUB; USPAT; USOCR; JPO; DERWENT	AND	ON	2007/06/05 12:30
S19	488054	S17 uncharged or neutral	US-PGPUB; USPAT; USOCR; JPO; DERWENT	AND	ON	2007/06/05 12:30
S20	3	S17 (uncharged or neutral) near transfer\$4	US-PGPUB; USPAT; USOCR; JPO; DERWENT	AND	ON	2007/06/05 12:40
S21	4	S17 (uncharged or neutral) near separat\$3	US-PGPUB; USPAT; USOCR; JPO; DERWENT	AND	ON	2007/06/05 12:40
S22	15	("3847115"   "4901667"   "5284544"   "5423936"   "5496410"   "5518572").PN. OR ("5811820").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/06/05 13:39
S23	28	S17 aerosol	US-PGPUB; USPAT; USOCR	AND	ON	2007/06/05 13:46
S24	1120	S16 chemical adj (ionization or ionisation)	US-PGPUB; USPAT; USOCR	AND	ON	2007/06/05 13:47
S25	143	S24 aerosol	US-PGPUB; USPAT; USOCR	AND	ON	2007/06/05 13:47
S26	58	S25 counter	US-PGPUB; USPAT; USOCR	AND	ON	2007/06/05 13:48
S27	33	S26 mobility	US-PGPUB; USPAT; USOCR	AND	ON	2007/06/05 14:03
S28	0	"2002003210".pn.	US-PGPUB; USPAT; USOCR	AND	ON	2007/06/05 14:03

## EAST Search History

S29	0	"2002003210-\$".pn.	US-PGPUB; USPAT; USOCR	AND	ON	2007/06/05 14:04
S30	0	"2002003210"	US-PGPUB; USPAT; USOCR	AND	ON	2007/06/05 14:04
S31	0	Marcus-kenneth.in.	US-PGPUB; USPAT; USOCR	AND	ON	2007/06/05 14:04
S32	0	Marcus-R.in.	US-PGPUB; USPAT; USOCR	AND	ON	2007/06/05 14:04
S33	12	Marcus-R-Kenneth.in.	US-PGPUB; USPAT; USOCR	AND	ON	2007/06/05 14:11
S34	274	chemical adj (ionization or ionisation)	FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/06/05 14:12
S35	5	S34 mobility	FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/06/05 14:15
S36	0	S16 ion adj count\$3	FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/06/05 14:15
S37	267	S16 ion adj count\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/06/05 14:16
S38	27	S37 aerosol	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/06/05 14:21
S39	35	S16 ion adj counter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/06/05 14:34

## EAST Search History

S40	2	"5128543".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/06/05 14:38
S41	0	S16 optical near ion near count\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/06/05 14:38
S42	0	S16 optical near charged adj particle near count\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/06/05 14:39
S43	0	S16 optical near charged adj particle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/06/05 14:39
S44	2036	S16 optical	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/06/05 14:39
S45	551	S44 charged adj particle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/06/05 14:39
S46	26	S45 ion adj count\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/06/05 15:06

## EAST Search History

S47	0	S46 optical adj count\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/06/05 14:39
S48	153	charge adj transfer near particle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/06/05 15:06
S49	83	S48 ion	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/06/05 15:06
S50	6	S49 count	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/06/05 15:06
S51	0	S49 S16	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/06/05 15:07
S52	0	S48 S16	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/06/05 15:11
S53	2	"6573510".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/06/05 15:11

## EAST Search History

S54	7	("5309064"   "5352899"   "5670785"   "5977552"   "6107634").PN. OR ("6573510").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/06/05 15:17
S55	7	("5309064"   "5352899"   "5670785"   "5977552"   "6107634").PN. OR ("6573510").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/06/06 13:28
S56	0	JP61-093544	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/06/06 13:28
S57	1	JP61093544	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/06/06 13:29
S58	0	JP61093544-A	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/06/06 13:29
S59	0	Yoshikazu-kakita.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/06/06 13:29
S60	2	JP-61093544-\$.DID.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/06/06 13:30
S61	8659	250/281,282,283,287,288,423R,424,423F,423,489,492.21.ccls.	US-PGPUB; USPAT; USOCR; JPO; DERWENT	AND	ON	2007/06/07 09:25



## EAST Search History

S62	2	S61 nephelometer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/06/07 09:26
S63	1	S61 aethelometer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/06/07 09:27
S64	12	S61 cytometer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/06/07 09:50
S65	20	charged adj particle and (nephelometer or aethelometer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/06/07 09:32
S66	8	S61 condensation ion near count\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/06/07 09:59
S67	6601	evaporator and aerosol	US-PGPUB; USPAT; USOCR; JPO; DERWENT	AND	ON	2007/06/07 15:58
S68	1	S67 and S61	US-PGPUB; USPAT; USOCR; JPO; DERWENT	AND	ON	2007/06/07 15:59
S69	7	aerosol near evaporator	US-PGPUB; USPAT; USOCR; JPO; DERWENT	AND	ON	2007/06/07 16:00

## EAST Search History

S70	39413	evaporator condensat\$3	US-PGPUB; USPAT; USOCR; JPO; DERWENT	AND	ON	2007/06/07 16:00
S71	1488	evaporator near condensat\$3	US-PGPUB; USPAT; USOCR; JPO; DERWENT	AND	ON	2007/06/07 16:01
S72	10	S71 aerosol	US-PGPUB; USPAT; USOCR; JPO; DERWENT	AND	ON	2007/06/07 16:03
S73	0	S71 near aerosol	US-PGPUB; USPAT; USOCR; JPO; DERWENT	AND	ON	2007/06/07 16:03
S74	2182	S70 aerosol	US-PGPUB; USPAT; USOCR; JPO; DERWENT	AND	ON	2007/06/07 16:04
S75	1380	S74 sample	US-PGPUB; USPAT; USOCR; JPO; DERWENT	AND	ON	2007/06/07 16:04
S76	788	S75 particle	US-PGPUB; USPAT; USOCR; JPO; DERWENT	AND	ON	2007/06/07 16:04
S77	10	(US-20050109929-\$).did. or (US-4383171-\$ or US-6573510-\$ or US-5811820-\$ or US-5128543-\$ or US-6895339-\$ or US-4378499-\$ or US-7081619-\$ or US-6619063-\$).did. or (JP-61093544-\$).did.	US-PGPUB; USPAT; JPO	AND	ON	2008/01/04 09:22
S78	2	S77 atmospheric vacuum	US-PGPUB; USPAT; JPO	AND	ON	2008/01/04 09:26
S79	1	S77 atmospheric not vacuum	US-PGPUB; USPAT; JPO	AND	ON	2008/01/04 09:26

## EAST Search History

S80	8988	250/281,282,283,287,288,423R, 424,423F,423,489,492.21.ccls.	US-PGPUB; USPAT; USOCR; JPO; DERWENT	AND	ON	2008/01/04 09:29
S81	2406	S80 atmospheric	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/01/04 09:29
S82	879	S81 count\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/01/04 09:30
S83	11	S81 (individual\$3 or singl\$2) near count\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/01/04 09:30
S84	2	S80 optical adj particle adj counter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/01/04 09:45